

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2011 Levee Inspection Results**

**Merced Streams Group**

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	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**Merced Streams Group**

Waterway			Bank	Unit Miles
Unit No. 01 Black Rascal Diversion			Right	1.64
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/5/2011 - 5/5/2011			
DWR Inspector	Herman Phillips			
Accompanied By	None None			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Black Rascal Diversion						Right	1.64	05/05/2011 05/05/2011	Herman Phillips

  

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.03	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.315243 ° -120.396383 °	37.315092 ° -120.396383 °	5 Y
2	1.01	1.08	Earthen Levee	Vegetation	CR	M	Control annual grass and weeds on the levee slopes and easements.	37.329013 ° -120.396635 °	37.329961 ° -120.396316 °	6
3	1.31	1.63	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	37.332825 ° -120.394887 °	37.337056 ° -120.396531 °	1 Y
4	1.31	1.31	Earthen Levee	Encroachments	WS	C	Pipe Inspector Comments: Slide gate on waterside slope.	37.332829 ° -120.394885 °	37.332829 ° -120.394885 °	4

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated  
C : Corrected  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Black Rascal Diversion	Right	1.64	05/05/2011 05/05/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.03
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Standing at levee mile 0.00 looking downstream of Black Rascal Creek waterside. 5-4-2011

phillips\_s\_20110511\_303.jpg



Levee Mile Report Line	3
Start Levee Mile	1.31
End Levee Mile	1.63
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Blackberries and dense brush obstruct access and visibility of top 20' of waterside slope. Photo looking downstream. MID canal on right.

phillips\_s\_20110228\_167.jpg



Levee Mile Report Line	3
Start Levee Mile	1.31
End Levee Mile	1.63
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Looking downstream at vegetation on waterward the top 20-feet over grown levee mile 1.33-1.64. Photo taken 5-4-2011.

phillips\_s\_20110511\_304.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**Merced Streams Group**

Waterway			Bank	Unit Miles
Unit No. 02 Black Rascal Diversion			Left	1.88
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/4/2011 - 5/4/2011			
DWR Inspector	Herman Phillips			
Accompanied By	None None			

Check one:

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

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Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Black Rascal Diversion						Left	1.88	05/04/2011 05/04/2011	Herman Phillips	
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Earthen Levee	Vegetation	LS	W	Control annual grass and weeds on the levee slopes and easements.	°	°	3
								°	°	Y
2	0.20	0.65	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	37.336229 °	37.331563 °	10
								-120.390424 °	-120.394323 °	
3	0.44	0.44	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	37.333962 °	37.333962 °	17
								-120.392637 °	-120.392637 °	Y
4	0.53	1.67	Channels	Encroachments	WS	M	Inspector Comments: Dredge material piled on waterside berm may effect channel capacity during high flows.	37.333394 °	37.317640 °	1
								-120.393872 °	-120.395743 °	Y
5	0.58	0.58	Earthen Levee	Encroachments	WS	W	Equipment Inspector Comments: Federal gauging station.	37.332531 °	37.332531 °	14
								-120.394135 °	-120.394135 °	
6	0.64	0.64	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.331840 °	37.331840 °	9
								-120.394190 °	-120.394190 °	
7	0.70	0.97	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.331107 °	37.327500 °	8
								-120.394673 °	-120.396098 °	
8	0.73	0.73	Earthen Levee	Animal Control	CR	M	Exterminate rodents and backfill and compact or grout burrows.	37.330722 °	37.330722 °	2
								-120.394974 °	-120.394974 °	
9	0.90	0.90	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Wooden barn on levee slope and toe.	37.328521 °	37.328521 °	12
								-120.396076 °	-120.396076 °	
10	1.06	1.06	Earthen Levee	Encroachments	WS	M	Garbage	37.326268 °	37.326268 °	13
								-120.396117 °	-120.396117 °	
11	1.46	1.46	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.320576 °	37.320576 °	6
								-120.396017 °	-120.396017 °	
12	1.46	1.46	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.320576 °	37.320576 °	7
								-120.396016 °	-120.396016 °	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.88	05/04/2011 05/04/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Levee mile 0.00 looking downstream Unit 2. 5-4-2011

phillips\_s\_20110511\_305.jpg



Levee Mile Report Line	3
Start Levee Mile	0.44
End Levee Mile	0.44
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Large tree stump on levee slope.

phillips\_s\_20110228\_169.jpg



Levee Mile Report Line	4
Start Levee Mile	0.53
End Levee Mile	1.67
Location	Water Side
Category	Channels
Item	Encroachments

Dredge material placed on berm of diversion channel.

phillips\_s\_20110228\_168.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**Merced Streams Group**

Waterway			Bank	Unit Miles
Unit No. 03 Owens Creek Diversion			Right	1.44
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/5/2011 - 5/5/2011			
DWR Inspector	Herman Phillips			
Accompanied By	No one No one			

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Date



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 03 Owens Creek Diversion						Right	1.44	05/05/2011 05/05/2011	Herman Phillips	
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.01	0.01	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	37.257709 ° -120.288556 °	37.257710 ° -120.288554 °	3
2	0.01	1.05	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.257709 ° -120.288555 °	37.271283 ° -120.283445 °	5
3	0.01	0.01	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.257726 ° -120.288522 °	37.257726 ° -120.288522 °	25 Y
4	0.01	0.35	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.257778 ° -120.288497 °	37.262466 ° -120.288387 °	6
5	0.29	0.29	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.261663 ° -120.288524 °	37.261663 ° -120.288524 °	9
6	0.44	0.44	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.263826 ° -120.288439 °	37.263826 ° -120.288439 °	22
7	0.59	0.59	Channels	Vegetation & Obstructions	WS	C		37.265898 ° -120.288276 °	37.265898 ° -120.288276 °	20
8	0.68	0.68	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.266998 ° -120.287393 °	37.266998 ° -120.287393 °	18
9	0.79	0.79	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.268326 ° -120.286295 °	37.268326 ° -120.286295 °	17
10	0.84	0.84	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.268923 ° -120.285818 °	37.268923 ° -120.285818 °	969
11	1.00	1.00	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 11/30/2010: Site was not inspected this year due to time constraint. There have been no reports from the district that this site was corrected. Continue to monitor during flood events. [2010 SiteID: NA0013U03RM1]	37.270800 ° -120.284180 °	37.270800 ° -120.284180 °	2 Y
12	1.15	1.15	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.272036 ° -120.282111 °	37.272036 ° -120.282111 °	15
13	1.20	1.20	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.272444 ° -120.281282 °	37.272444 ° -120.281282 °	970
14	1.23	1.23	Earthen Levee	Animal Control	CR	M	Exterminate rodents and backfill and compact or grout burrows.	37.272553 ° -120.280742 °	37.272553 ° -120.280742 °	971
15	1.24	1.24	Earthen Levee	Animal Control	CR	M	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: This Unit is maintained as far as the vegetation is concerned however there is a problem with the rodents. The District should have bait stations through out the area where rodents are present.	37.272584 ° -120.280543 °	37.272584 ° -120.280543 °	8
16	1.25	1.25	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.272707 ° -120.280334 °	37.272707 ° -120.280334 °	7 Y

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion						Right	1.44	05/05/2011 05/05/2011	Herman Phillips

  

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
17	1.25	1.25	Supplemental	DWR Erosion Survey	WS	M	Inspector Comments: 11/30/2010: Site was not inspected this year due to time constraint. There have been no reports from the district that the site. Continue to monitor during flood events. [2010 SiteID: NA0013U03RM1.25]	37.272630 ° -120.280390 °	37.272630 ° -120.280390 °	1 Y
18	1.27	1.27	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.272866 ° -120.280295 °	37.272866 ° -120.280295 °	13
19	1.32	1.32	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.273454 ° -120.279891 °	37.273454 ° -120.279891 °	4 Y

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.44	05/05/2011 05/05/2011	Herman Phillips

Levee Mile Report Line	3
Start Levee Mile	0.01
End Levee Mile	0.01
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Tall thistle within 10' of landside toe obstructs access and visibility.	
phillips_s_20110228_180.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.01
End Levee Mile	0.01
Location	Land Side
Category	Earthen Levee
Item	Vegetation
The area hasn't changed much since last inspection. Tall thistle and mustards within 10' of landside toe. 5-4-2011	
phillips_s_20110511_307.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.00
End Levee Mile	1.00
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Photo taken in 2008.	
phillips_s_20110228_174.jpg	

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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2011

### Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.44	05/05/2011 05/05/2011	Herman Phillips

Levee Mile Report Line	11
Start Levee Mile	1.00
End Levee Mile	1.00
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Photo taken in 2008.

phillips\_s\_20110228\_175.jpg



Levee Mile Report Line	11
Start Levee Mile	1.00
End Levee Mile	1.00
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Photo taken in 2008.

phillips\_s\_20110228\_176.jpg



Levee Mile Report Line	16
Start Levee Mile	1.25
End Levee Mile	1.25
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Active animal burrows on levee slope and toe.

phillips\_s\_20110228\_178.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.44	05/05/2011 05/05/2011	Herman Phillips

Levee Mile Report Line	17
Start Levee Mile	1.25
End Levee Mile	1.25
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Photo taken in 2008.

phillips\_s\_20110228\_170.jpg



Levee Mile Report Line	17
Start Levee Mile	1.25
End Levee Mile	1.25
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Photo taken in 2008.

phillips\_s\_20110228\_171.jpg



Levee Mile Report Line	17
Start Levee Mile	1.25
End Levee Mile	1.25
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Photo taken in 2008.

phillips\_s\_20110228\_172.jpg



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Unit No. 03 Owens Creek Diversion	Right	1.44	05/05/2011 05/05/2011	Herman Phillips

Levee Mile Report Line	17
Start Levee Mile	1.25
End Levee Mile	1.25
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Photo taken in 2008.

phillips\_s\_20110228\_173.jpg



Levee Mile Report Line	19
Start Levee Mile	1.32
End Levee Mile	1.32
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Tree on levee slope should be trimmed up 5' to improve visibility.

phillips\_s\_20110228\_177.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**Merced Streams Group**

Waterway			Bank	Unit Miles
Unit No. 04 Owens Creek Diversion			Left	1.44
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/4/2011 - 5/4/2011			
DWR Inspector	Herman Phillips			
Accompanied By	No one No one			

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion							Left	1.44	05/04/2011 05/04/2011	Herman Phillips
LMR No	Levee Mile		Category	Item	* Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.04	0.10	Earthen Levee	Encroachments	CR	C	Agricultural tilling Inspector Comments: Tilling on levee slope and crown will degrade levee over time.	37.273306 ° -120.278516 °	37.273277 ° -120.279675 °	38
2	0.12	0.12	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.272997 ° -120.280003 °	37.272997 ° -120.280003 °	29
3	0.13	0.13	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.372730 ° -120.279972 °	37.372730 ° -120.279972 °	9 Y
4	0.15	0.28	Supplemental	DWR Erosion Survey	WS	M	Inspector Comments: 11/30/2010: Site was not inspected this year due to time constraints. There have been no reports from the district that the site has been corrected. [2010 SiteID: NA0013U04RM0.21]	37.272283 ° -120.280869 °	37.272283 ° -120.280869 °	4 Y
5	0.18	0.18	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.272429 ° -120.280251 °	37.272429 ° -120.280251 °	1
6	0.23	0.23	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.272219 ° -120.281157 °	37.272219 ° -120.281157 °	31
7	0.28	0.28	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.271809 ° -120.281876 °	37.271809 ° -120.281876 °	32
8	0.42	0.43	Supplemental	DWR Erosion Survey	WS	M	Inspector Comments: 11/30/2010: Site was not inspected this year due to time constraints. There have been no reports from the district that the site has been corrected. [2010 SiteID: NA0013U04RM0.42]	37.270630 ° -120.283970 °	37.270630 ° -120.283970 °	3 Y
9	0.45	0.45	Earthen Levee	Animal Control	CR	M	Exterminate rodents and backfill and compact or grout burrows.	37.270369 ° -120.284182 °	37.270369 ° -120.284182 °	968
10	0.50	0.50	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.269709 ° -120.284712 °	37.269709 ° -120.284712 °	2
11	0.53	0.53	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.269357 ° -120.284992 °	37.269357 ° -120.284992 °	25
12	0.62	0.62	Earthen Levee	Animal Control	CR	M	Exterminate rodents and backfill and compact or grout burrows.	37.268267 ° -120.285877 °	37.268267 ° -120.285877 °	6
13	0.63	0.63	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.268176 ° -120.285983 °	37.268176 ° -120.285983 °	23
14	0.65	0.65	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.267983 ° -120.286154 °	37.267983 ° -120.286154 °	22 Y
15	0.66	0.70	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.267841 ° -120.286257 °	37.267356 ° -120.286650 °	21
16	0.72	0.72	Earthen Levee	Animal Control	LS	U	Exterminate rodents and backfill and compact or grout burrows.	37.267078 ° -120.286847 °	37.267078 ° -120.286847 °	969 Y

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion							Left	1.44	05/04/2011 05/04/2011	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
17	0.73	0.73	Earthen Levee	Animal Control	WS	U	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Can't see the holes levee slopes covered with weeds waterside. 5-5-2011	37.267035 ° -120.286910 °	37.267035 ° -120.286910 °	20 Y
18	0.75	0.75	Earthen Levee	Animal Control	WS	U	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The levee slope listed as U during my inspection 5-5-2-11 the levee slope was covered with weeds I couldn't see the holes.	37.266769 ° -120.287130 °	37.266769 ° -120.287130 °	19 Y
19	0.79	0.79	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.266270 ° -120.287543 °	37.266270 ° -120.287543 °	18
20	0.84	0.84	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.265620 ° -120.287973 °	37.265620 ° -120.287973 °	33
21	0.86	0.86	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.265229 ° -120.288030 °	37.265229 ° -120.288030 °	34
22	0.86	0.86	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.265246 ° -120.288048 °	37.265246 ° -120.288048 °	16
23	0.88	0.89	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.265142 ° -120.288045 °	37.264857 ° -120.288049 °	15
24	0.91	0.91	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.264590 ° -120.288037 °	37.264590 ° -120.288037 °	35
25	0.93	0.93	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.264325 ° -120.288038 °	37.264325 ° -120.288038 °	970 Y
26	0.93	0.93	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.264325 ° -120.288038 °	37.264325 ° -120.288038 °	36
27	0.97	0.97	Earthen Levee	Cracking	WS	W	Monitor and have inspected by geotechnical engineer. Inspector Comments: Tall weeds present along both levee slopes not able to see the cracks mentioned in fall inspection.	37.263850 ° -120.288021 °	37.263850 ° -120.288021 °	14 Y
28	1.01	1.01	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Rodents under gate and fence.	37.263116 ° -120.287789 °	37.263116 ° -120.287789 °	37
29	1.22	1.22	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	M	Inspector Comments: Gravity drainage outlet covered with soil.	37.260248 ° -120.288138 °	37.260248 ° -120.288138 °	8

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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2011

### Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.44	05/04/2011 05/04/2011	Herman Phillips

Levee Mile Report Line	3
Start Levee Mile	0.13
End Levee Mile	0.13
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Standing off Mission Avenue Levee mile 0.13 looking upstream unit 4. 5-4-2011

phillips\_s\_20110511\_308.jpg



Levee Mile Report Line	3
Start Levee Mile	0.13
End Levee Mile	0.13
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Looking downstream from levee 0.13 Unit 4. 5-4-2011

phillips\_s\_20110511\_312.jpg



Levee Mile Report Line	4
Start Levee Mile	0.15
End Levee Mile	0.28
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Photo taken in 2007.

phillips\_s\_20110228\_185.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.44	05/04/2011 05/04/2011	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.15
End Levee Mile	0.28
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Photo taken in 2007.

phillips\_s\_20110228\_186.jpg



Levee Mile Report Line	8
Start Levee Mile	0.42
End Levee Mile	0.43
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

phillips\_s\_20110228\_181.jpg



Levee Mile Report Line	8
Start Levee Mile	0.42
End Levee Mile	0.43
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

phillips\_s\_20110228\_182.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.44	05/04/2011 05/04/2011	Herman Phillips

Levee Mile Report Line	8
Start Levee Mile	0.42
End Levee Mile	0.43
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

phillips\_s\_20110228\_183.jpg



Levee Mile Report Line	8
Start Levee Mile	0.42
End Levee Mile	0.43
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

phillips\_s\_20110228\_184.jpg



Levee Mile Report Line	14
Start Levee Mile	0.65
End Levee Mile	0.65
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Active animal burrows on levee slope.

phillips\_s\_20110228\_190.jpg

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.44	05/04/2011 05/04/2011	Herman Phillips

Levee Mile Report Line	16
Start Levee Mile	0.72
End Levee Mile	0.72
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Active animal burrows on levee slope.

phillips\_s\_20110228\_191.jpg



Levee Mile Report Line	16
Start Levee Mile	0.72
End Levee Mile	0.72
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Active animal burrows on levee slope. 5-4-2011.

phillips\_s\_20110511\_309.jpg



Levee Mile Report Line	17
Start Levee Mile	0.73
End Levee Mile	0.73
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Active animal burrows on levee slope.

phillips\_s\_20110228\_189.jpg



**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.44	05/04/2011 05/04/2011	Herman Phillips

Levee Mile Report Line	17
Start Levee Mile	0.73
End Levee Mile	0.73
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Active animal burrows on levee slopes. 5-4-2011

phillips\_s\_20110511\_310.jpg



Levee Mile Report Line	18
Start Levee Mile	0.75
End Levee Mile	0.75
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Active animal burrows on levee slope.

phillips\_s\_20110228\_188.jpg



Levee Mile Report Line	18
Start Levee Mile	0.75
End Levee Mile	0.75
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Active animal borrows on levee slope. 5-4-2011

phillips\_s\_20110511\_311.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Merced Streams Group**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.44	05/04/2011 05/04/2011	Herman Phillips

Levee Mile Report Line	25
Start Levee Mile	0.93
End Levee Mile	0.93
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Active animal burrows on levee slope.

phillips\_s\_20110228\_192.jpg



Levee Mile Report Line	27
Start Levee Mile	0.97
End Levee Mile	0.97
Location	Water Side
Category	Earthen Levee
Item	Cracking

Minor surface cracking on waterside levee slope.

phillips\_s\_20110228\_187.jpg



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